



## 3D Printed Car Headunit

Phil Wise / ATS

### WHAT IS DEMONSTRATED

- Open Source 3D printed 2DIN headunit housing
- Open Source software stack
- Commodity hardware
- Vehicle power with 500µA sleep



### HARDWARE INFORMATION

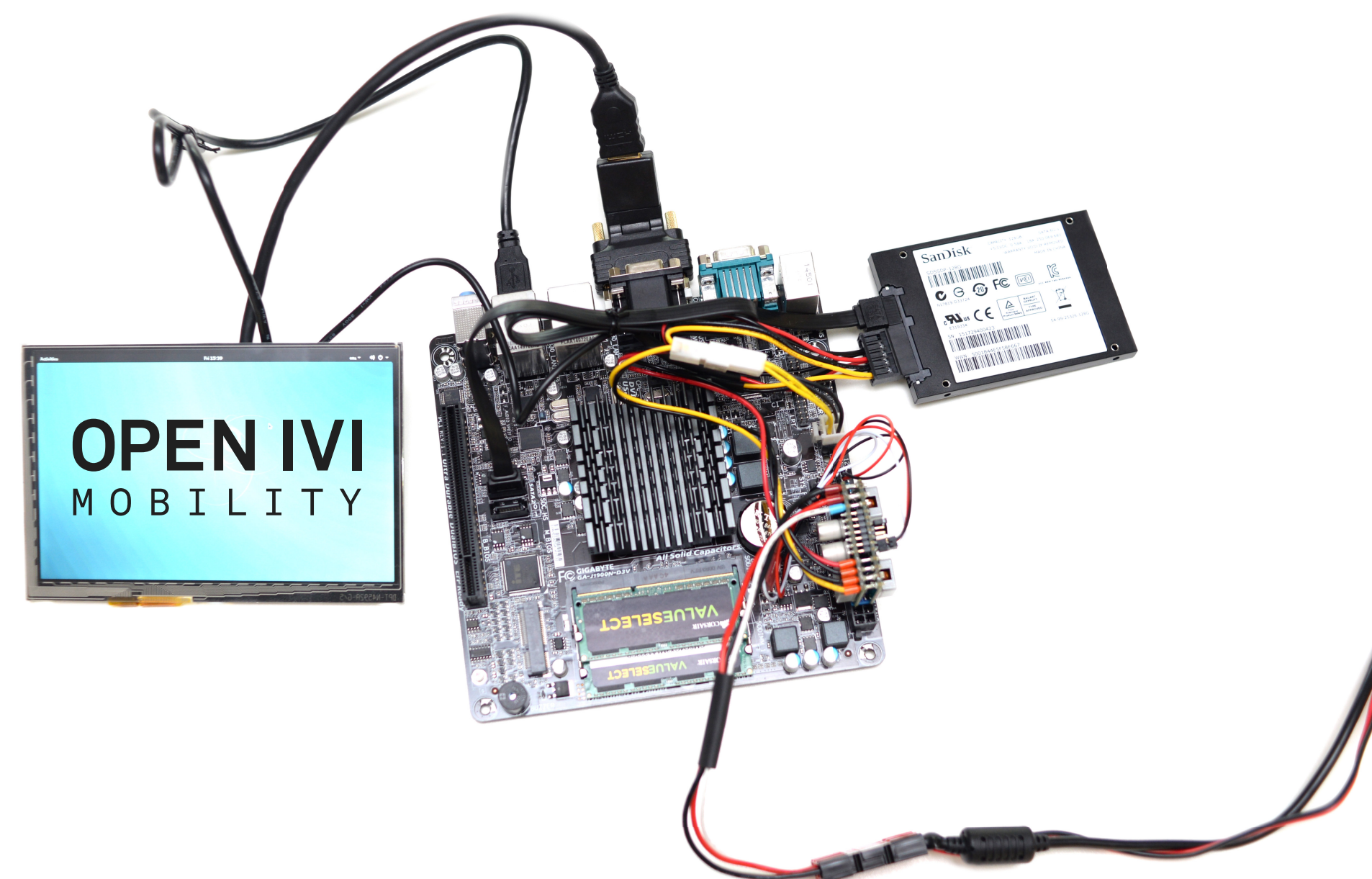
CPU	Intel Bay Trail 2GHz Quad
Motherboard	Gigabyte J1900N-D3V
RAM / SSD	16GB / 128GB
PSU	PicoPSU M3-ATX
Touchscreen	7" 1280x800 HDMI
Case	Custom

TOTAL COST APPROX €450

mini-itx.com  
chalk-elec.com  
Shapeways

### WHAT WAS IMPROVED

- Integrated software and easily available hardware
- Easy getting started platform for in vehicle software



SOURCE CODE AND HARDWARE  
AVAILABILITY: **OPENIVI.ORG**